



P5K-E/WIFI-AP



ASUS Super Memspeed Technology
Enhances Memory Speed up to 75%

- Support Intel® next generation 45nm Multi-core CPU
- Intel LGA775 Platform
- Intel® P35 chipset
- Intel® Core™2 Quad / Core™2 Extreme / Core™2 Duo / Pentium® Extreme / Pentium® D / Pentium® 4 Processors
- Dual-channel DDR2 1066/800/667 MHz
- Heat Pipe & Stack Cool 2
- 6*SATA/2*SATA on the Go/ 1394
- Gigabit LAN
- WiFi-AP
- All High-quality Conductive Polymer Capacitors

Print

Spezifikationen

CPU	LGA775 socket for Intel® Core™2 Quad / Core™2 Extreme / Core™2 Duo / Pentium® Extreme / Pentium® D / Pentium® 4 Processors Compatible with Intel® 05B/05A/06 processors Support Intel® next generation 45nm multi-core CPU *This motherboard supports FSB 1333/1066/800 ** Please update the latest BIOS to support Intel 45nm CPU
Chipsatz	Intel® P35 / ICH9R with Intel® Fast Memory Access Technology
Front Side Bus	1333 / 1066 / 800 MHz
Memory	4 x DIMM, max. 8GB, DDR2 1066*/800 / 667 MHz, non-ECC, un-buffered memory Dual channel memory architecture * The chipset officially supports the memory frequency up to DDR2 800MHz. Tuned by ASUS Super Memspeed Technology, this motherboard natively supports up to DDR2 1066MHz Please refer to www.asus.com or user manual for Memory QVL.
Expansion Slots	2 x PCI-E x16 (blue @ x16 mode, black @ x4 or x1 mode) supports CrossFire Technology 2 x PCI-E x1 3 x PCI
Storage	Southbridge - 6 x SATA 3.0 Gb/s ports - Supports RAID 0,1, 5 and 10 JMicron® JMB363 PATA and SATA controller - 1 x UltraDMA 133/100/66 for up to 2 PATA devices - 2 x External SATA 3.0 Gb/s port (SATA On-the-Go) - Supports SATA RAID 0,1 and JBOD
LAN	Gigabit LAN controllers, featuring AI NET2 Marvell88E8056® PCI-E Gigabit LAN controllers
Wireless LAN	ASUS WiFi-AP Solo 54 Mbps IEEE 802.11g and backwards compatible with 11 Mbps IEEE 802.11b - Software Access Point mode - Station mode : Infrastruceure mode and Ad-Hoc mode

Audio	AD1® AD1988B 8-channel High Definition Audio CODEC - Coaxial / Optical S/PDIF out ports at back I/O - ASUS Noise Filter
IEEE 1394	Agere® FW322 1394a controller supports 2 x IEEE 1394a ports (one at midboard; one at back panel)
USB	10 x USB 2.0 ports (4 ports at mid-board, 6ports at back panel)
ASUS AI Lifestyle Features	ASUS Quiet Thermal Solution: - ASUS AI Gear2 - ASUS AI Nap - ASUS 8-Phase Power Design - ASUS Fanless Design: Heat-pipe solution - ASUS Fanless Design: Stack Cool 2 - ASUS Q-Fan 2 ASUS Crystal Sound: - ASUS Noise Filter ASUS EZ DIY: - ASUS Q-Connector - ASUS O.C. Profile - ASUS CrashFree BIOS 3 - ASUS EZ Flash 2 - ASUS AI Slot Detector ASUS WiFi@Home: - ASUS WiFi-AP Solo
Other Features	ASUS MyLogo 3 Multi-language BIOS
Overclocking Features	Intelligent overclocking tools: - AI NOS™ (Non-delay Overclocking System) - ASUS AI Booster utility Precision Tweaker: - vCore: Adjustable CPU voltage at 0.0125V increment - vDIMM: 16-step DRAM voltage control - vChipset: 4-step Chipset voltage control SFS (Stepless Frequency Selection) - FSB tuning from 200MHz up to 800MHz at 1MHz increment - Memory tuning from 667MHz up to 1333MHz for DDR2 - PCI Express frequency tuning from 100MHz up to 150MHz at 1MHz increment Overclocking Protection: - ASUS C.P.R.(CPU Parameter Recall)
Back Panel I/O Ports	1 x PS/2 Keyboard 1 x S/PDIF Out (Coaxial + Optical) 2 x External SATA 1 x IEEE1394a 1 x RJ45 port 6 x USB 2.0/1.1 1 x WiFi-AP Solo antenna jack 8-channel Audio I/O
Internal I/O Connectors	2 x USB connectors support additional 4 USB ports 1 x Floppy disk drive connector 1 x IDE connector 1 x COM connector 6 x SATA connectors 1 x CPU Fan connector 4 x Chassis Fan connector 1 x Power Fan connector 1 x IEEE1394a connector Front panel audio connector 1 x S/PDIF Out Header Chassis Intrusion connector CD audio in 24-pin ATX Power connector 2 x 4-pin ATX 12V Power connector System Panel(Q-Connector)
BIOS	16 Mb Flash ROM, AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.3, ACPI 2.0a, Multi-language BIOS, ASUS EZ Flash 2, ASUS CrashFree BIOS 3

Manageability	WfM 2.0, DMI 2.0, WOL by PME, WOR by PME, PXE
Accessories	UltraDMA 133/100/66 cable FDD cable 2 x Serial ATA cables 1 x 2-port Serial ATA power cable I/O Shield User's manual ASUS WiFi-AP Solo manual 3 in 1 Q-connector ASUS WiFi-AP Solo omni-directional antenna
Support CD	Drivers ASUS PC Probe II ASUS Update ASUS AI Suite ASUS WiFi-AP Solo Wizard Anti-virus software (OEM version)
Form Factor	ATX Form Factor, 12"x 9.6" (30.5cm x 24.4cm)
O/S Compatibility	Windows Vista/XP

*The product (electrical , electronic equipment, Mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

*All specifications are subject to change without notice. Please check with your supplier for exact offers.

Products may not be available in all markets.

*PCB color and bundle software versions are subject to change without notice.

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